IN THE CLAIMS

Please amend the claims as follows.

1 1. Canceled.

1 2. Canceled.

1 3. Canceled.

1 4. Canceled.

1 5. Canceled.

1 6. Canceled.

1 7. Canceled.

1 8. Canceled.

1 9. Canceled.

1 10. Canceled.

11. (Original) A medical testing telemetry system comprising:

a plurality of collection devices, each one located at a medical facility and operable to collect physiological data of a patient, wherein each of said collection devices comprises:

a display for displaying a waveform showing the patient's performance during collection of the physiological data and standards against which to compare said performance waveform in order to determine the extent to which said patient followed a predetermined breathing regimen during collection of the physiological data; and

a user interface adapted to receive an input indicating acceptance of said physiological data if said comparison reveals less than a predetermined deviation between said performance waveform and said standards or indicating rejection of said physiological data if said comparison reveals greater than a predetermined deviation between said performance waveform and said standards; and

a processing center located remotely from, and in communication with said plurality of collection devices, wherein said processing center is adapted to receive said accepted physiological data from each of said plurality of collection devices and to analyze said physiological data to provide a test result.

12. (Original) The medical testing telemetry system of claim 11 wherein each of said collection devices is a heart rate monitor adapted to collect physiological data from which the patient's heart rate variability can be assessed and wherein said test is selected from the Valsalva test, the E/I test, and the standing test.

13. (Original) The medical testing telemetry system of claim 12 wherein said performance waveform shows breath pressure versus time when said test is the Valsalva test.

14. (Original) The medical testing telemetry system of claim 12 wherein said performance waveform shows breath volume versus time when said test is the E/I test.

15. (Original) A medical testing telemetry system comprising:

a collection device located at a medical facility and operable to collect physiological data of a patient;

a first processing center located remotely from, and capable of communication with said collection device, wherein said first processing center is adapted to receive said physiological data of the patient and to analyze the physiological data of the patient to provide a test result based on the physiological data; and

a second processing center located remotely from, and capable communication with said collection device, wherein said second processing center is adapted to receive said physiological data of the patient and to analyze the physiological data of the patient to provide a test result based on the physiological data.

16. (Original) The medical testing telemetry system of claim 15 wherein said collection device comprises a processor which randomly selects one of said first and second processing centers to analyze said physiological data of the patient.

17. (Original) The medical testing telemetry system of claim 15 wherein said first and second processing centers are interconnected.

18. (Original) The medical testing telemetry system of claim 17 wherein said first and second processing centers are interconnected by a plurality of communication links.

19. (Original) The medical testing telemetry system of claim 15 wherein said first and second processors are further adapted to transmit the test result to said collection device at which said physiological data is collected.